

Message Text

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11

ACTION EB-07

INFO OCT-01 EUR-12 ISO-00 FEA-01 ERDA-07 AID-05 CEA-01

CIAE-00 CIEP-02 COME-00 DODE-00 FPC-01 H-02 INR-07

INT-05 L-02 NSAE-00 NSC-05 OMB-01 PM-03 SAM-01 OES-05

SP-02 SS-15 STR-04 TRSE-00 FRB-01 /090 W

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R 281750Z FEB 75

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TO SECSTATE WASHDC 8344

INFO USMISSION EC BRUSSELS

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E.O. 11652: N/A

TAGS: ENRG, TECH, GW

SUBJECT: NUCLEAR ENERGY -- BIBLIS A NUCLEAR POWER

STATION COMMISSIONED

REF: BONN 11582

1. THE 1,200 MW BIBLIS A PRESSURIZED-WATER REACTOR PLANT COMPLETED ITS FOUR-WEEK FULL-POWER TRIAL PERIOD AND WAS OFFICIALLY COMMISSIONED ON FEBRUARY 26, 1975. KRAFTWERK UNION AG (KWU)/HOCHTIEF BUILT THE PROJECT FOR RHEINISCH-WESTFAELISCHES ELEKTRIZITAETS-WERK AG, ESSEN (RWE). AFTER CRITICALITY ON JULY 16, 1974, THE FIRST POWER WAS FED INTO THE GRID ON AUGUST 15. FIFTY PERCENT CAPACITY TESTS STARTED ON OCT 3, FOLLOWED BY SOME ADJUSTMENTS TO THE TURBINE. FULL CAPACITY WAS AUTHORIZED ON NOV 27 AND ACHIEVED ON DEC 5, 1975. ONLY MINOR PROBLEMS WERE ENCOUNTERED DURING THE GRADUAL INCREASE TO FULL POWER LEVEL. KWU EMPHASIZED THAT RUMORS IN ONE NEWSPAPER ABOUT RADIO-ACTIVE LEAKS IN EARLY DEC WERE ABSOLUTELY FALSE.

2. THE POWER STATION HAS A NET OUTPUT OF 1,150 EMW

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AND A ONE-SHAFT TURBO-GENERATOR SET. THE 1500 MVA

GENERATOR IS PRESENTLY THE LARGEST IN THE WORLD.
BIBLIS A IS THUS NOT ONLY THE WORLD'S LARGEST OPERATING
NUCLEAR POWER STATION BUT ALSO THE PROTOTYPE OF
A NEW GENERATION OF GERMAN LIGHT-WATER REACTOR STATIONS.

3. THE NEXT BIBLIS POWER STATION "B" WILL HAVE 1,300
MW CAPACITY AND BE COMPLETED IN 1976. FOUR MORE
STATIONS OF THAT CAPACITY CATEGORY ARE UNDER
CONSTRUCTION IN GERMANY (PHILIPPBURG II - 1,260 MW;
UNTERWESER, ESENSHAM - 1,230 MW; GRAFENRHEINFELD -
1,250 MW; WYHL - 1,300 MW).

4. EMBASSY COMMENT: BIBLIS A IS THE REACTOR DESIGN
OFFERED BY KWU TO THE USSR FOR CONSTRUCTION AT
KALININGRAD (KOENIGSBERG).
HILLENBRAND

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